

**REMARKS**

Claims 1 - 10 are pending in the present application. Reconsideration in view of the following remarks is respectfully requested. Applicant respectfully submits that this response is fully responsive to the Office Action dated **September 10, 2004**.

**As to the Merits:**

As to the merits of this case, the Examiner sets forth the following rejection:

claims 1-10 stand rejected under 35 USC 102(b) as being anticipated by EPO 0 834 991 A1, hereinafter EPO '991.

This rejection is respectfully traversed.

Independent claim 1 calls for first means for performing pre-scan processing for successively tuning in on channels previously set, to examine whether or not a received signal on each of the channels is of a predetermined quality or more, and temporarily registering the channel numbers of the channels on which the received signals are of the predetermined quality or more in a storage device as receivable channel candidates; and second means for performing normal scan processing for successively tuning in on the receivable channel candidates temporarily registered in the storage device by the first means, to acquire and register necessary channel information. Independent claim 6 is drawn to a similar embodiment.

For example, a pre-scan processing is performed as shown in steps 1-9 of Fig. 7, for successively tuning in on channels 14-83 previously set and examining in step 5 whether or not a received signal on each of the channels 14-83 is of a predetermined quality, and in step 6 temporarily registering as receivable channel candidates the channel numbers of the channels in which the received signals are of the predetermined quality or more in a storage device (memory 22).

Then, for example, after each channel 14-83 is pre-scanned in steps 1-9 of Fig. 7, a normal scan processing is performed, as shown in steps 10-19 of Fig. 7, for successively tuning in on the receivable channel candidates temporarily registered in the storage device, step 6, to acquire and register necessary channel information.

In contrast, according to EPO '991, microprocessor 6 scans the frequency range in first frequency steps, measures the RF level at each frequency step, compares the measured RF value with a threshold, and when the threshold value is breached, scans a frequency area in smaller second frequency steps to determine the edge frequencies of the channel and the central frequency of the channel from the edge each frequencies.

That is, since EPO '991 performs the second frequency (steps) scan for a channel right after the first frequency (steps) scan, there is absolute no need in EPO '991 to temporarily register the channel numbers of the channels for which the measured RF value exceed a threshold value determined in the first frequency (steps) scan.

Response under 37 C.F.R. §1.111  
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In other words, EPO '991 fails to perform a pre-scan processing for successively tuning in on channels previously set, to examine whether or not a received signal on each of the channels is of a predetermined quality or more, and temporarily registering the channel numbers of the channels on which the received signals are of the predetermined quality or more in a storage device as receivable channel candidates, as called for in each of the independent claims 1 and 6.

In view of the aforementioned remarks, Applicant submits that that the claims are in condition for allowance. Applicant requests such action at an early date.

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney to arrange for an interview to expedite the disposition of this case. If this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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